

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009789.D
 Acq On : 22 May 2019 08:30
 Operator : JC/SP
 Sample : K2910-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0224

Quant Time: May 22 09:16:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

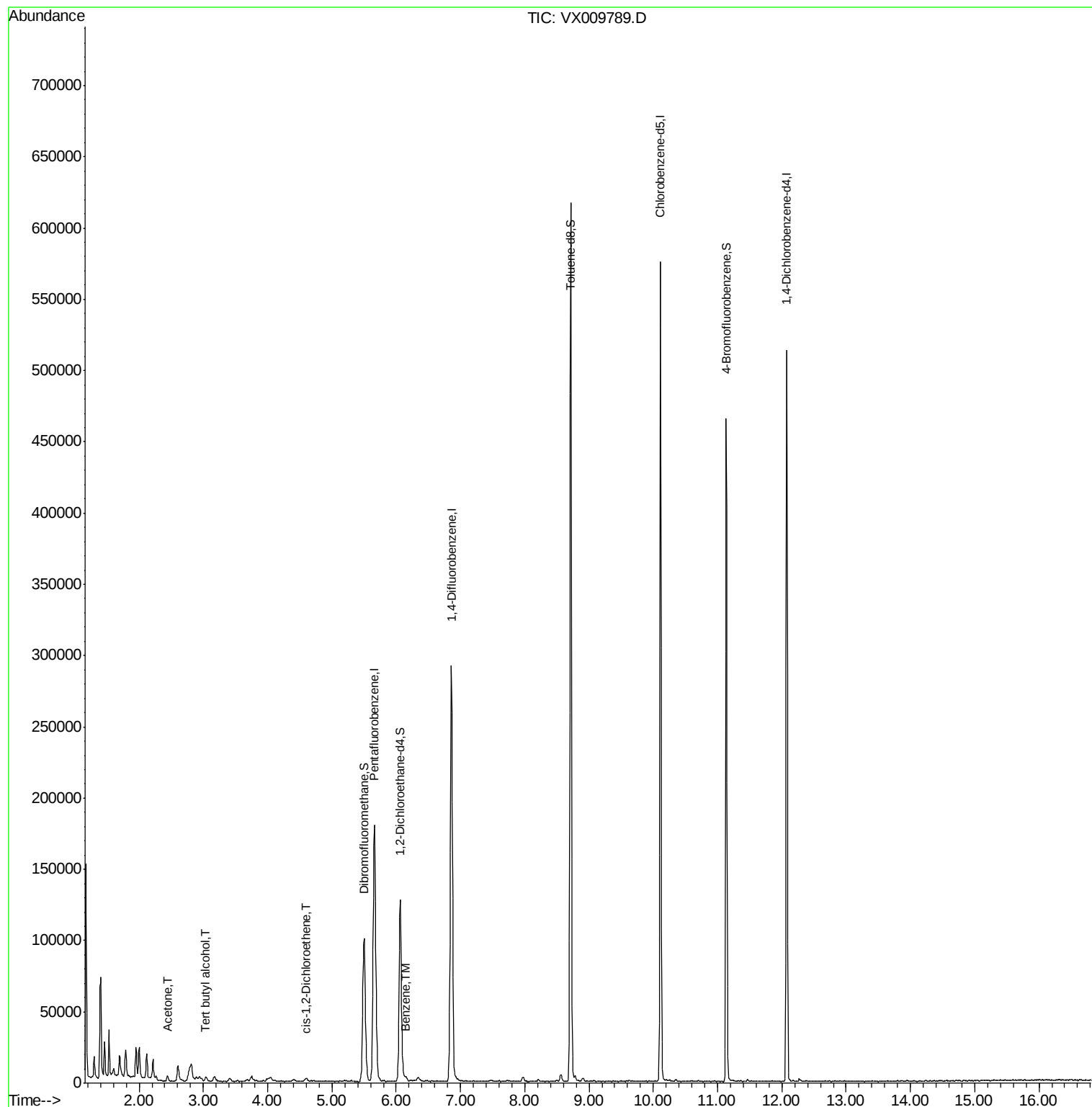
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120473	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	5.50	113	86397	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	355060	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	118357	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	3408	6.201	ug/l #	85
16) Acetone	2.44	43	3952	3.100	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1353	0.640	ug/l	96
40) Benzene	6.14	78	3331	0.415	ug/l	94

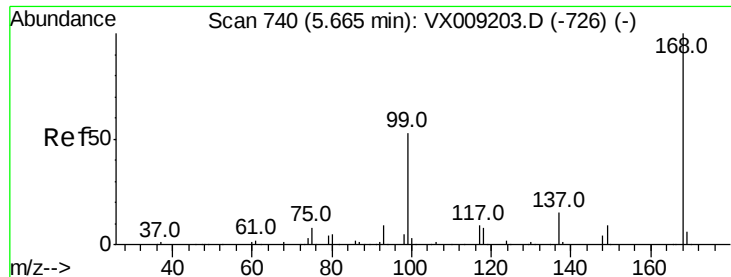
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

Instrument :

MSVOA_X

ClientSampleId :

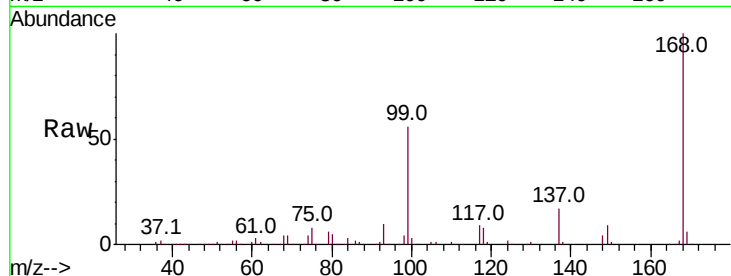
S73-0224

Tot Ion:168 Resp: 173924

Ion Ratio Lower Upper

168 100

99 55.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.66

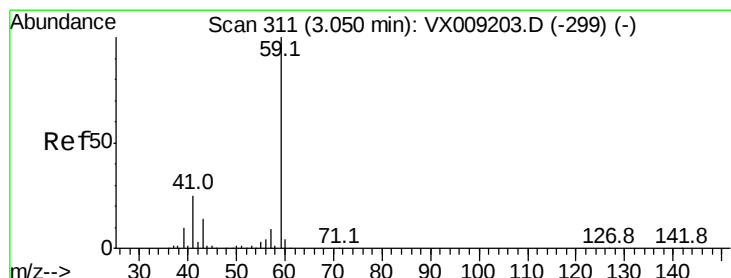
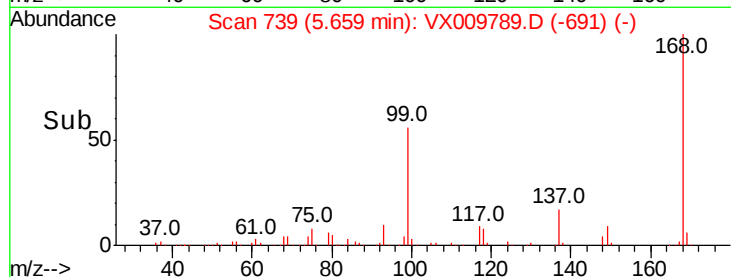
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.201 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009789.D

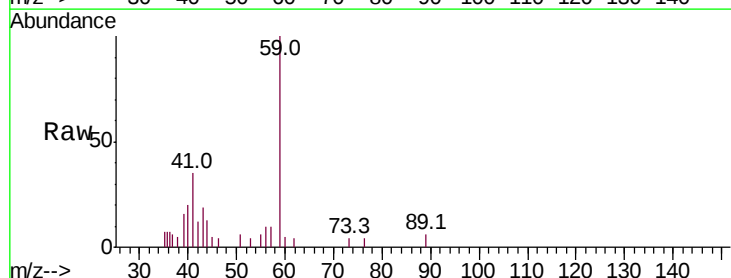
Acq: 22 May 2019 08:30

Tgt Ion: 59 Resp: 3408

Ion Ratio Lower Upper

59 100

57 15.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX009203.D (-299) (-)

Ion 57.00 (56.70 to 57.70): VX009203.D (-299) (-)

3.04

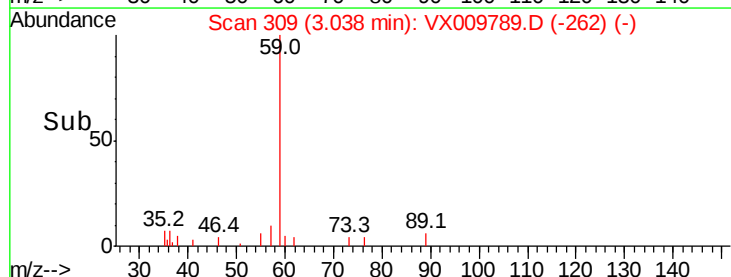
1500

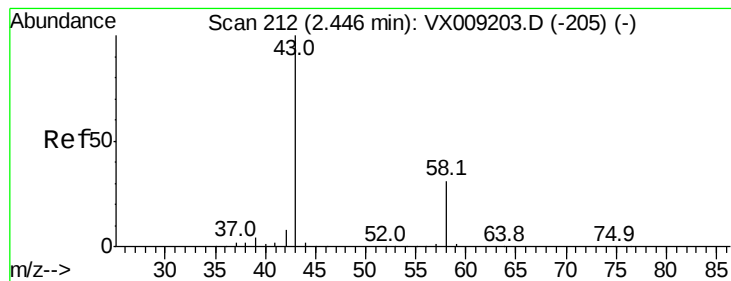
1000

500

0

Time--> 2.90 3.00 3.10





#16

Acetone

Concen: 3.100 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

Instrument :

MSVOA_X

ClientSampled :

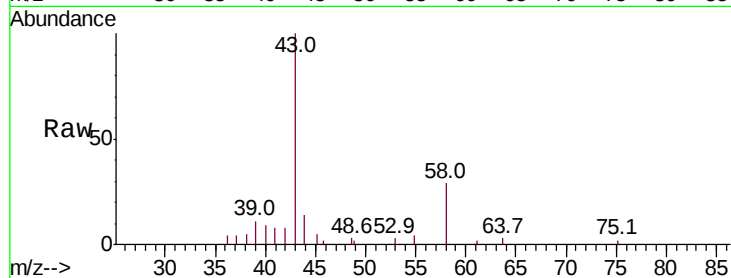
S73-0224

Tot Ion: 43 Resp: 3952

Ion Ratio Lower Upper

43 100

58 29.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2500

2000

1500

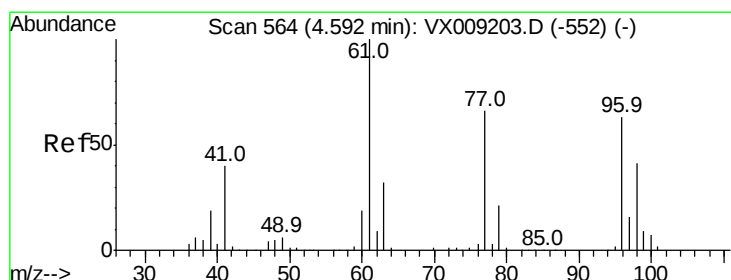
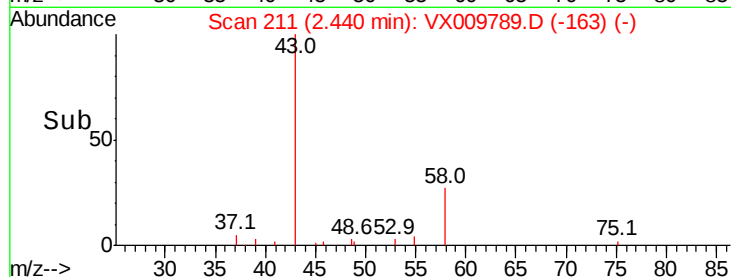
1000

500

0

2.40 2.45 2.50

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.640 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

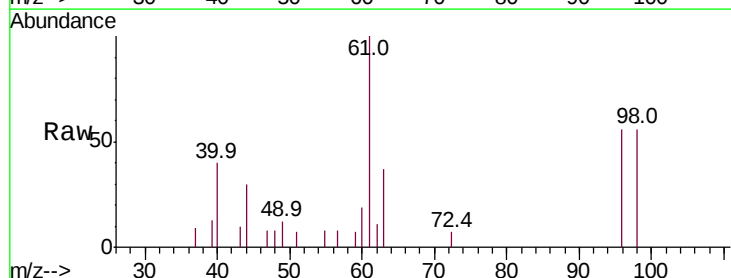
Tgt Ion: 96 Resp: 1353

Ion Ratio Lower Upper

96 100

61 163.5 0.0 324.0

98 74.6 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1000

800

600

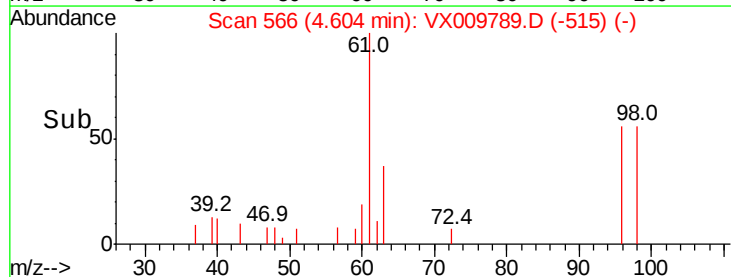
400

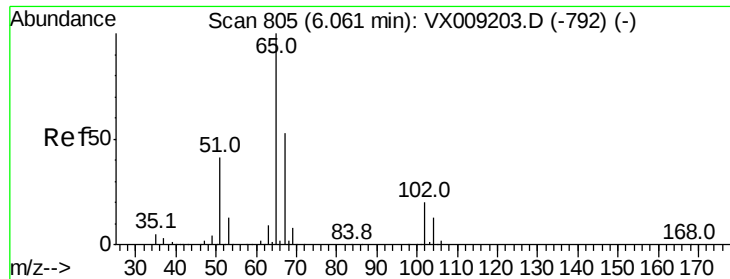
200

0

4.50 4.55 4.60 4.65 4.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.741 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

Instrument :

MSVOA_X

ClientSampled :

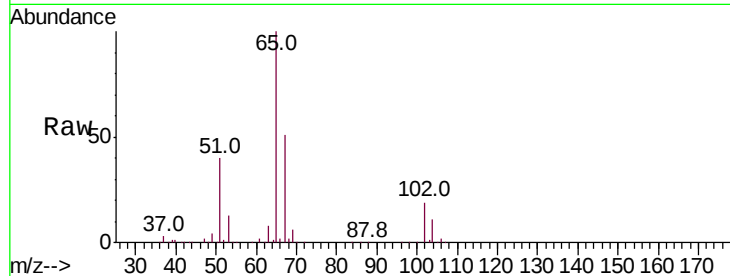
S73-0224

Tot Ion: 65 Resp: 120473

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

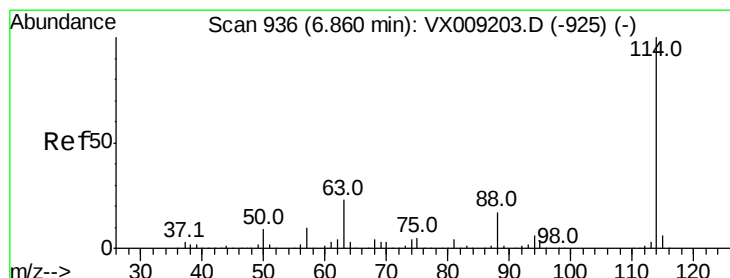
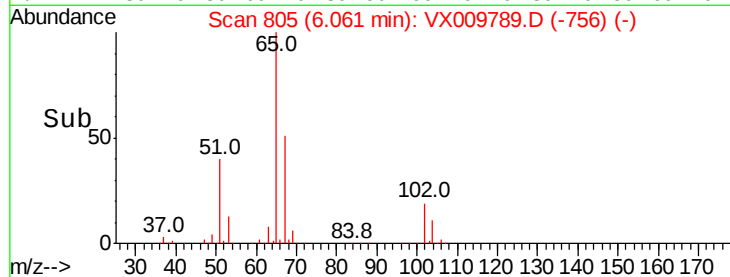
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

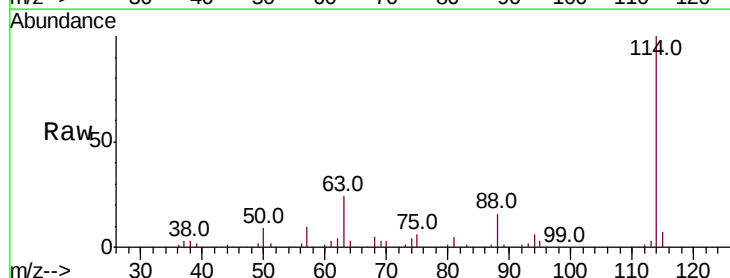
Tgt Ion:114 Resp: 279026

Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.6

88 16.4 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

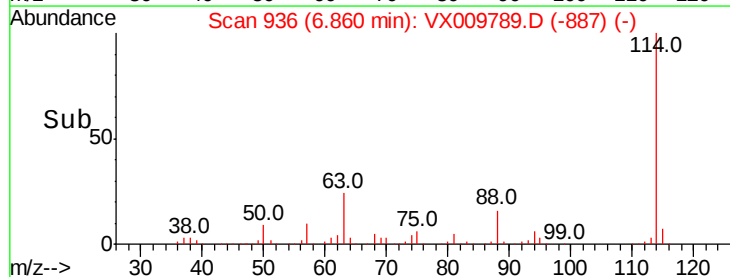
150000

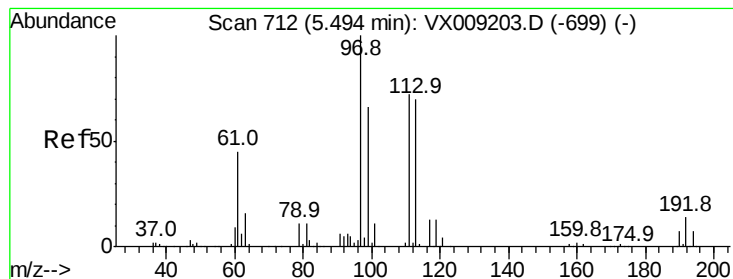
100000

50000

0

Time--> 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.255 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

Instrument :

MSVOA_X

ClientSampleId :

S73-0224

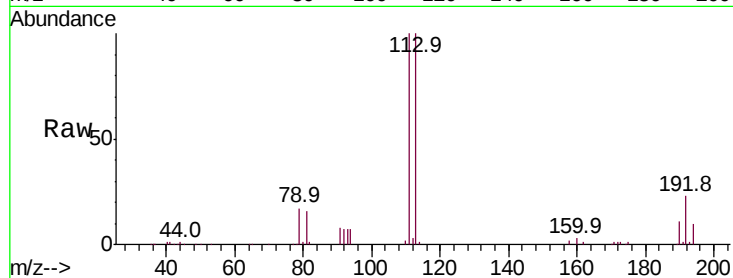
Tot Ion:113 Resp: 86397

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

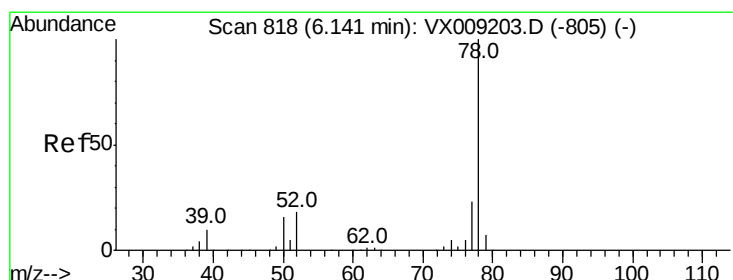
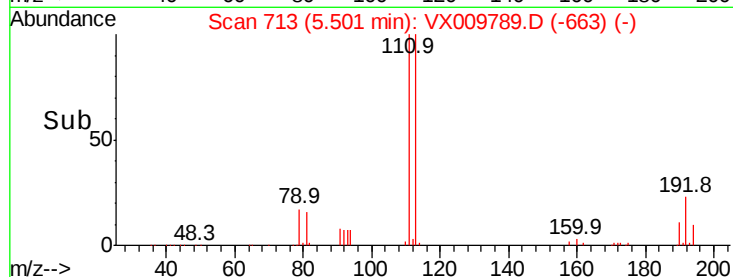
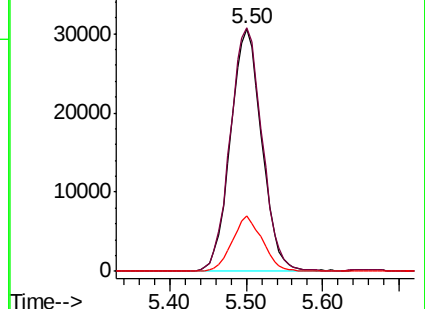
192 22.1 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#40

Benzene

Concen: 0.415 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX009789.D

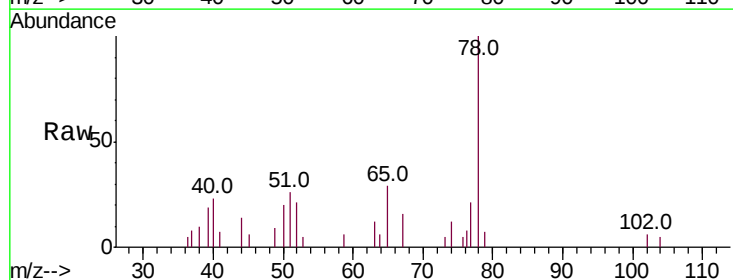
Acq: 22 May 2019 08:30

Tgt Ion: 78 Resp: 3331

Ion Ratio Lower Upper

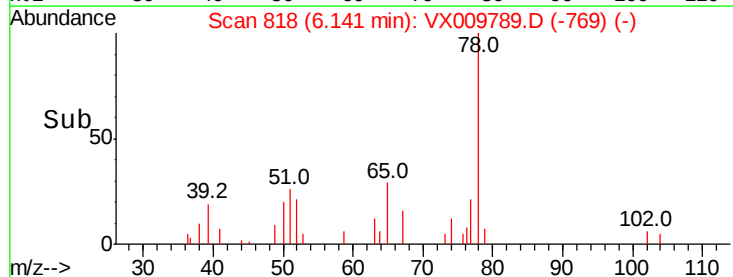
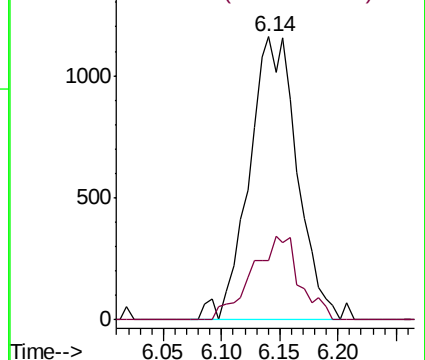
78 100

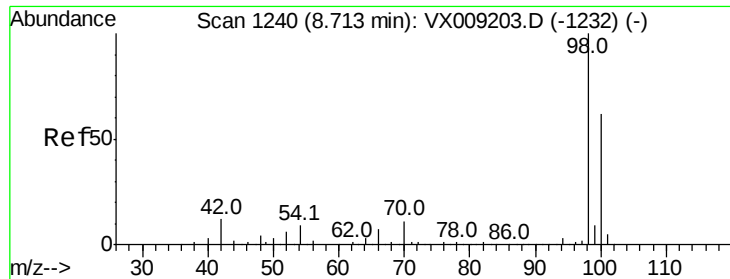
77 20.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 50.138 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

Instrument :

MSVOA_X

ClientSampled :

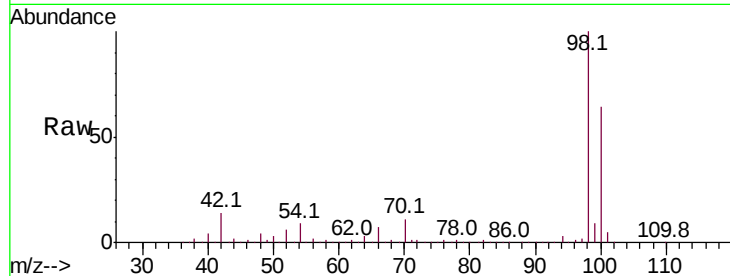
S73-0224

Tot Ion: 98 Resp: 355060

Ion Ratio Lower Upper

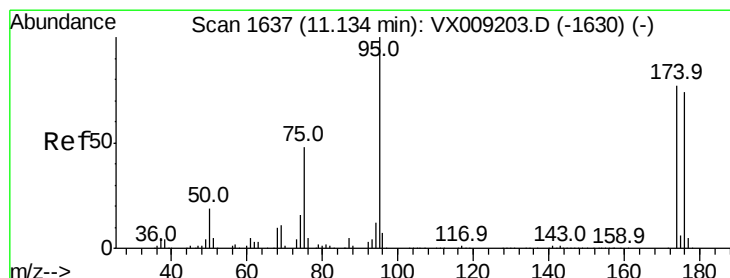
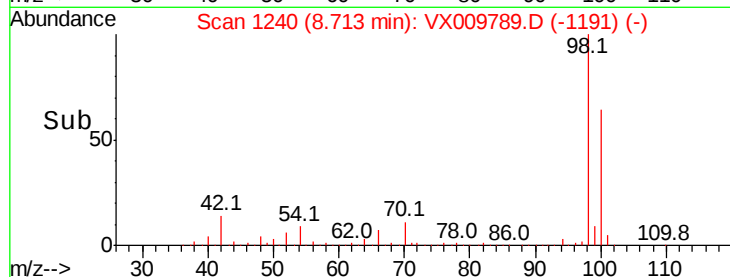
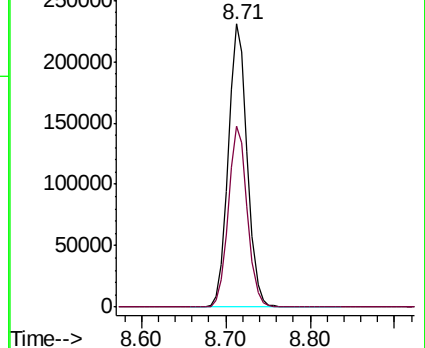
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.996 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009789.D

Acq: 22 May 2019 08:30

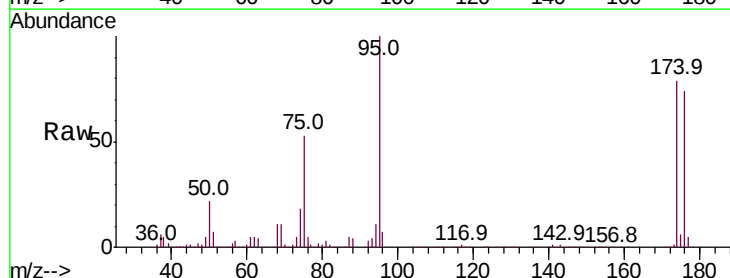
Tgt Ion: 95 Resp: 118357

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

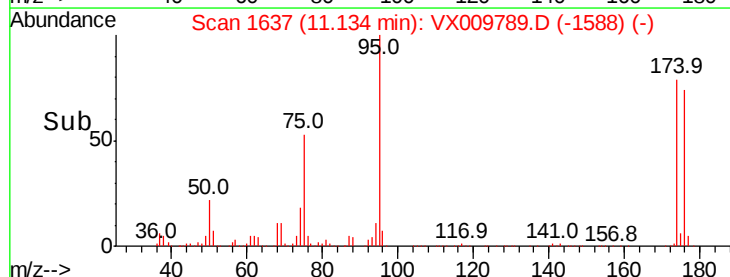
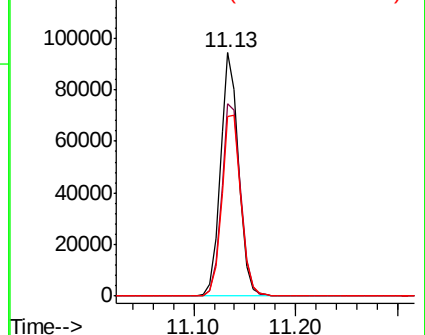
176 77.9 0.0 159.2

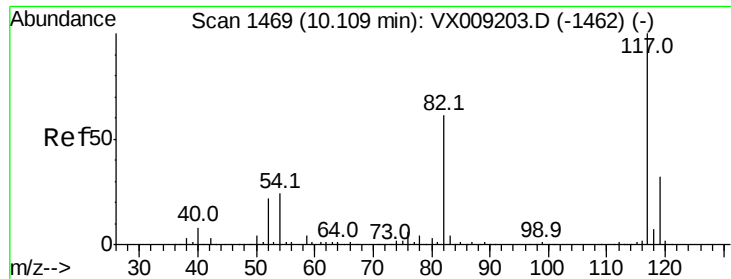


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

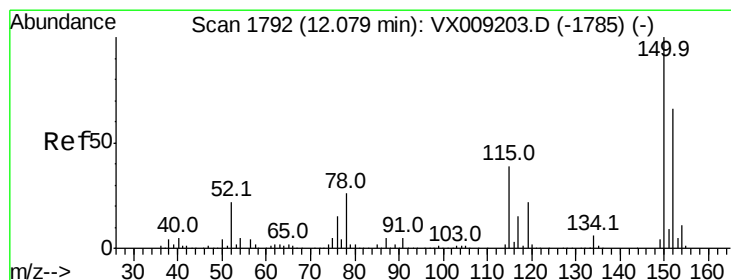
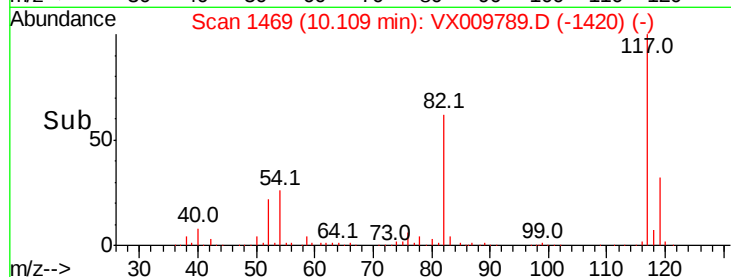
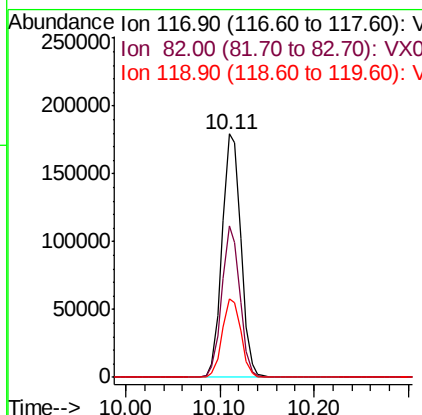
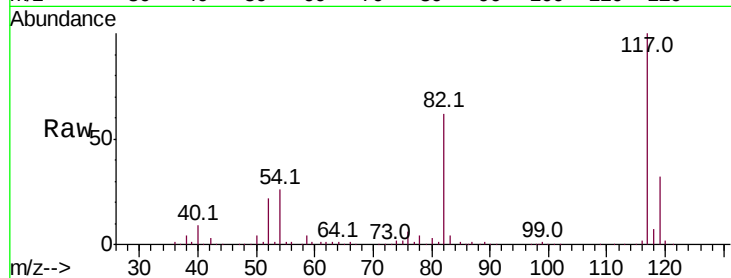




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009789.D
Acq: 22 May 2019 08:30

Instrument :
MSVOA_X
ClientSampleId :
S73-0224

Tot Ion:117 Resp: 249204
Ion Ratio Lower Upper
117 100
82 62.0 48.8 73.2
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009789.D
Acq: 22 May 2019 08:30

Tgt Ion:152 Resp: 105250
Ion Ratio Lower Upper
152 100
115 58.7 41.2 123.6
150 156.9 0.0 346.4

